

A Lack of Project Resources: How to Address the Challenge with a Resource Management Solution Infographic

In a great number of cases, the problem of resource shortages can be solved thanks to more efficient utilization of the existing resources. A resource management solution can ensure that your employees work at their full capacity in the following ways.

A RESOURCE MANAGEMENT SOLUTION

OPTIMIZES EMPLOYEES' WORKLOAD

- It detects overload.**
 Overload leads to disengagement, stress, and reduced efficiency, so that a team member becomes a bottleneck who hampers the whole workflow.
- It detects employees' idleness.**
 Idle employees are inefficient, as they don't work at their full capacity. But in contrast to overload, idleness is impossible to detect "with the naked eye" – employees will hardly ever show that they are underloaded.
- It forecasts employees' future workload.**
 Predictive capabilities of an RM solution make it possible to foresee team members' workload, so that a project/resource manager can adjust it to an optimum level if necessary.
- It gives an idea of team members' historical output.**
 This allows a project/resource manager to realistically estimate what the team members are capable of delivering.

CONTRIBUTES TO EFFICIENT RESOURCE ALLOCATION

- It provides data on each team member's competences and their levels, capacity, and availability.**
 With all necessary data at hand, a project/resource manager can find a necessary employee quickly enough.
- It integrates with human resource management systems.**
 Such an integration saves a project/resource manager's time: all the information on employees' absences (days off, vacations, etc.) is easily accessible in the system.
- It can serve as a resource allocation advisor.**
 The system is capable of suggesting the right employee to complete a certain task based on their competence level, capacity, and availability.
- It helps make informed resource allocation decisions.**
 Thanks to the predictive capabilities of an RM solution, you can try out different variants of resource allocation and choose the most appropriate one.
- It makes it possible to forecast future resource demand.**
 This can prevent future resource shortages if a project/resource manager takes timely measures.

ENABLES EMPLOYEES' SKILL MANAGEMENT

- It provides quick access to the data on people's skills and their levels.**
 This makes it possible to determine team members' skill gaps and facilitate their reskilling or upskilling. Also, it helps find an employee with necessary skills from other resource groups when required resources are busy.

PRIORITIZES TASKS WITHIN THE PROJECT PORTFOLIO WITH REGARD TO PROJECT DEPENDENCIES

- Setting priorities makes it possible to allocate resources to the most important tasks and avoid resource conflicts.**
 The system determines what tasks across all projects must be completed first based on resource and time constraints as well as dependencies between projects.
- Every team member focuses on highest priority assignments, which increases their productivity.**
 It eliminates bad multitasking and overload among employees who work on several projects at the same time.

BRIDGES THE RESOURCE DEMAND WITH THE AVAILABLE SUPPLY

Thanks to more efficient resource utilization, you can deliver more projects with the same number of resources.

Thus, when you can't change the number of resources, you can at least make sure that the available ones are utilized to the full and work at their full capacity